



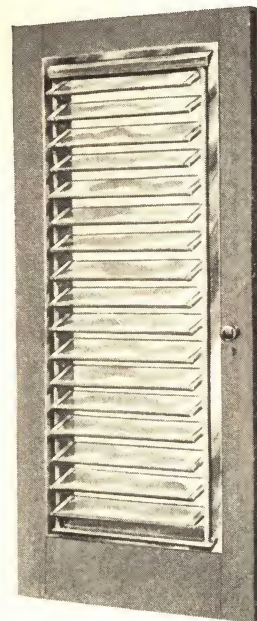
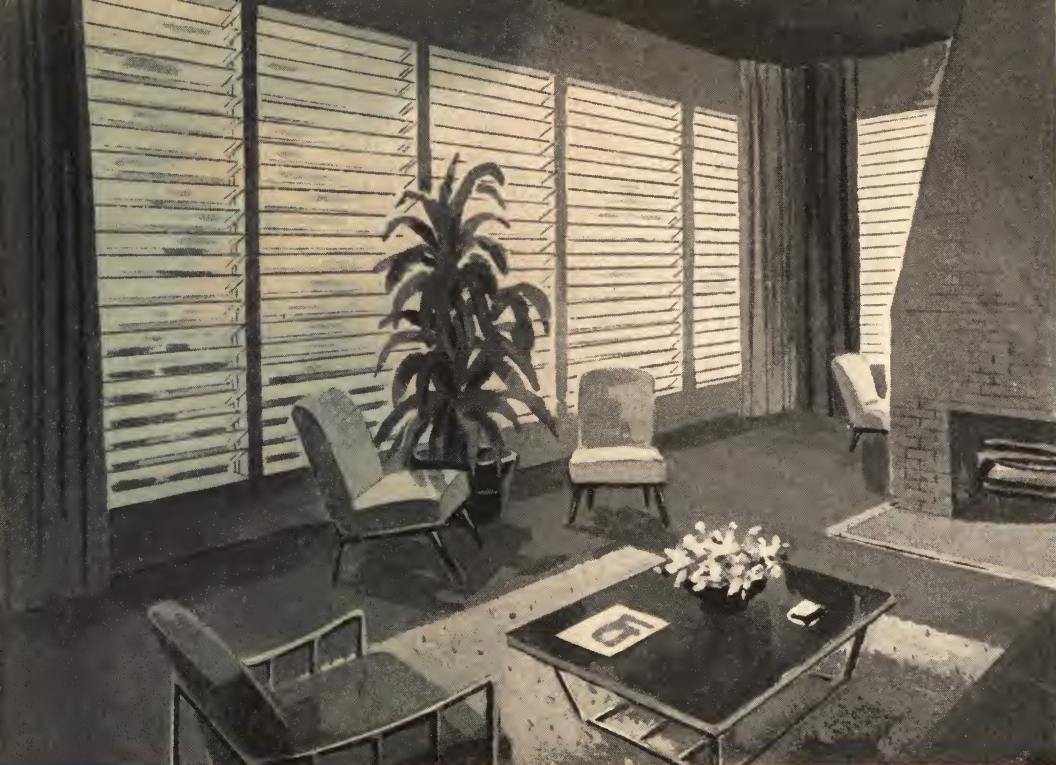
**smart
planning
for**

*homes
apartments
schools
hospitals
plants*



UNIVERSAL

louvre windows



Louvre doors available with wood or aluminum frames.

UNIVERSAL *louvre windows*

Instant, tight closure and minimum glazing time sets Universal louvre windows apart from all others. No loose, shuddering louvres . . . no rattle—glass slips easily into Self-Lock clip and is automatically locked firmly and securely. Tempered Aluminum Self-Lock clip automatically adjusts to varying thicknesses of commercial tolerances.

Louvres are balanced to pivot smoothly on shoulder rivets. Fingertip Roto operation does not interfere with blinds, drapes or curtains.

Heavy, extruded 63S-T5 fluted aluminum frames need no painting, no upkeep . . . will not rust, rot, warp or rattle. Head and sill members can be square cut to fit any required width. Built-in head-drip deflects rain . . . sloping sill especially designed so as not to trap water. Completely vinyl or stainless weatherstripping at sill, head and jambs.

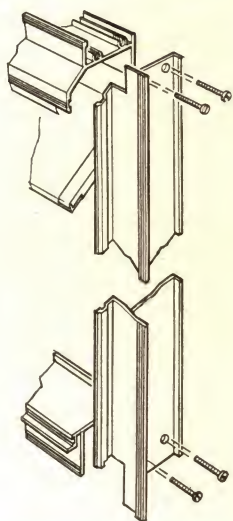
Universal louvre windows use glass lengths in even inches for economical cutting. Glass available clear, opaque, Solex and Aklo.

1. Smart, contemporary architectural appearance.
2. May be used for "window wall" design of a principle room or a porch enclosure.
3. May be used in new construction or alteration.
4. Opens completely from top to bottom—no dead louvres.
5. No-draft controlled ventilation makes building cooler in Summer, sunnier in Winter.
6. Easy to clean from inside the building.
7. Interchangeable screens, storm sash and ventilators for storm sash are available.
8. Universal standard size louvre conveniently used as louvre door inserts.
9. Louvres stay put in any position—afford prowler protection even when open.
10. Universal louvre windows compactly packaged for knock-down shipping.
11. Simple, 8-screw assembly . . . only tool required is a screw driver.

installation details

scale 3"=1'-0"

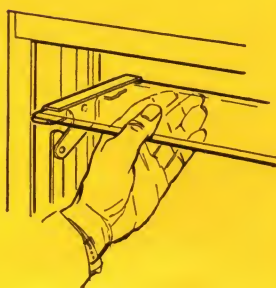
Assembly of the Universal Jalousie window requires only a screw driver . . . for only four screws at head member, four screws at sill member.



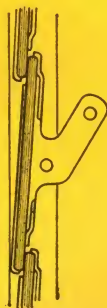
Minimum on-the-job glazing time from the inside.



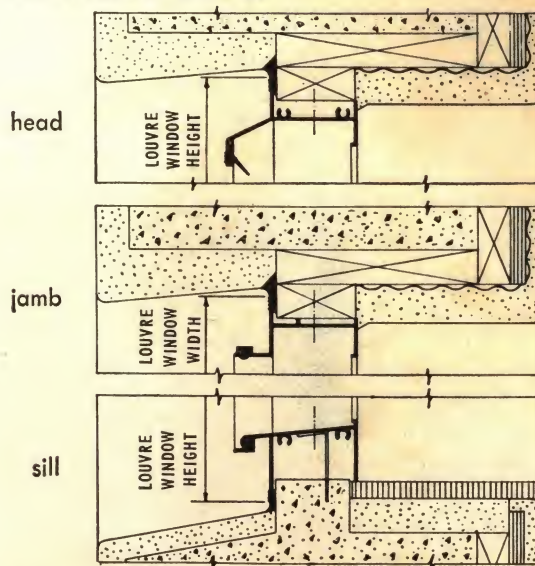
Self-Lock clips require no tools.



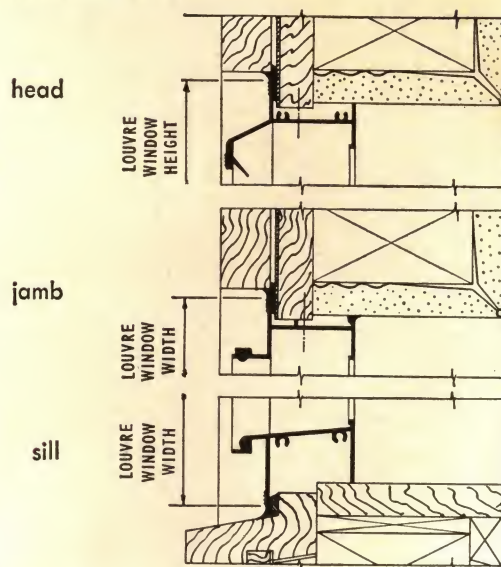
No bending, no loose parts . . . tempered aluminum holder snaps securely behind glass louvre. Often cuts glazing time in half.



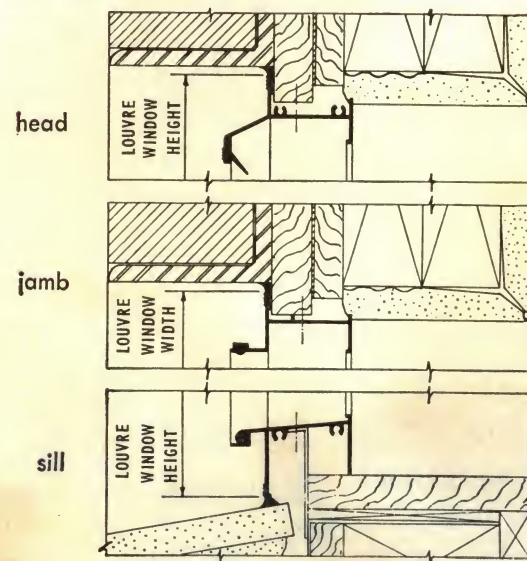
CONCRETE BLOCK



WOOD FRAME



BRICK VENEER



■ stock sizes

single operator

6 louvres	19" 24 1/4" 12	26 1/2" 32A	37" 22	53 1/8" 32A-32A	74 1/8" 22-22
10 louvres	38 1/4" 13	33A	23	33A-33A	23-23
13 louvres	48 3/4" 14	34A	24	34A-34A	24-24
17 louvres	62 3/4" 15	35A	25	35A-35A	25-25
21 louvres	76 3/4" 16	36A	26	36A-36A	26-26
23 louvres	83 3/4" 17	37A	27	37A-37A	27-27

Note: Stock sizes 26" (6 louvres) and 50 5/8" (13 louvres) high also available.

double operator

■ specifications

general

Louvre Windows shall be glass louvred type as manufactured by Universal Fabricators, New York, N. Y.

material

All frame members of the windows shall be extruded aluminum alloy 63S-T5. Frames are to be 2 3/4" deep (thickness .064 to .09). Glass clips, actuator bars, links and rivets shall be of the same aluminum alloy. Horizontal edges of glass louvres shall be ground and polished.

construction

Jamb frames shall be notched to accept head and sill frames and to insure tight fitting joints. Frame members shall be firmly fastened together with eight screws per unit. Glass louvres shall be securely held in position by "Self-Lock" glass clips which insure complete sealing with glass-to-glass contact across each louvre. Heads, jambs and sills shall be weatherstripped with permanently seated vinyl.

operating hardware

Operator shall be a die cast housing with closed back section. Gears shall be permanently fitted to insure easy operation. The operator shall be of such design so as to allow smooth operation of all window louvres without removing screens or storm sash.

finish

All extrusions shall be finished in a bright aluminum mill finish.

mullions

Extruded aluminum alloy 63S-T5 will be used for all standard mullions.

erection

Openings to receive Universal Louvre Windows must be square, plumb and level to prevent distortion of units. The contractor installing Universal Louvre Windows shall securely anchor windows in place to openings. Caulking, flashing, etc. should be used in accordance with good window erection practice. Upon completion of installation the window frames and operating mechanism shall be tested and cleaned to restore original appearance.

doors

1. Specifications for door inserts are the same as those outlined above for windows.
2. Door frame material shall be of vertical grain, Douglas fir 1 3/4" thick.
3. Top rails and stiles shall be a minimum of 5" and bottom rails 12 1/2 to 16 1/2 depending on design.
4. Jalousie Doors made of heavy extruded 63S-T5 aluminum are available complete with Z bar outer frame, stainless steel hinges, door knob and latch, storm chain, embossed kick plate and with cast aluminum reinforcing at all four corners. Key lock optional.

screens and storm sash

Screens to be 18x14 heavy coated aluminum-mesh in heavy gauge tubular aluminum frame. Storm sash to have extruded aluminum weatherstripped frame with double strength window glass. Tilt-in ventilators in storm sash shall be provided where indicated.

UNIVERSAL FABRICATORS

1785-1827 BOONE AVENUE • NEW YORK 60, N. Y.

Kilpatrick 2-0350